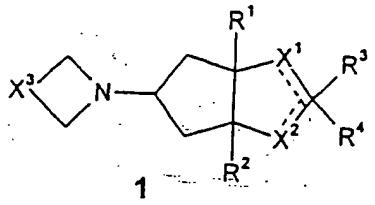
IN THE CLAIMS:

1. (Currently Amended): A method of preventing a condition selected from the group consisting of psychosis, affective psychosis, ~~nonorganic~~ non-organic psychosis, personality disorders, schizophrenic and schizoaffective disorders, bipolar disorders, dysphoric mania, Parkinson's disease, extrapyramidal side effects from ~~neuoleptic~~ neuroleptic agents, neuroleptic malignant syndrome, tardive dyskinesia, nausea, emesis, hyperdermia and amenorrhea in a mammal comprising administering to a ~~preventing~~ mammal an effective amount of ~~said mammal~~ a compound of the formula



1

or a pharmaceutically acceptable salt or solvate thereof wherein:

each dashed line in the above formula represents an optional double bond, provided both dashed lines do not simultaneously represent a double bond;

X^1 and X^2 are each independently selected from O and $-(CH_2)_j-$ wherein j is 1 or 2, provided that no O is doubly-bonded to an adjacent atom;

X^3 is $-CH(R^5)N(R^6)CH(R^6)-$, $-CH(R^5)C(R^8)(R^9)CH(R^6)-$, $-C(R^5)=C(R^8)CH(R^6)-$, or $-CH(R^5)C(R^8)=C(R^6)-$;

R^1 and R^2 are each independently H, hydroxy or C_1-C_6 alkyl;

or R^1 and R^2 are taken together as a bond;

each R^3 is independently selected from $-S(O)_jR^7$ wherein j is an integer ranging from 0 to 2, $-C(O)R^7$, $-OR^7$, $-NC(O)R^7$, $-NR^7R^{12}$, and the substituents provided in the definition of R^7 other than H;

R^4 is absent where the dashed line in the above formula 1 represents a double bond or R^4 is selected from H and the substituents provided in the definition of R^3;

or R^3 and R^4 are taken together with the carbon atom to which each is attached to form a 5-10 membered mono-cyclic or bicyclic group wherein said cyclic group may be carbocyclic or heterocyclic with 1 to 3 heteroatoms selected from O, S, and $-N(R^{11})-$ with the proviso that two O atoms, two S atoms, or an O and S atom are not attached directly to each other; said cyclic group is saturated or partially unsaturated; aromatic or non-aromatic; 1 or 2 of the carbon atoms in said cyclic group optionally may be replaced by an oxo -C(O)- moiety; and said cyclic group is optionally substituted by 1 to 3 R^{10} groups;

R^5 and R^6 are each independently selected from H and C_1-C_4 alkyl;

or R^5 and R^6 are taken together as $-(CH_2)_q-$ wherein q is 2 or 3;

or R^5 or R^6 is taken together with R^8 as defined below;

each R^7 is independently selected from H, $-(CH_2)_t(C_6$-C_{10} aryl) and $-(CH_2)_t$(4-10 membered heterocyclic), wherein t is an integer ranging from 0 to 5; 1 or 2 of the carbon atoms of said heterocyclic group optionally may be replaced with an oxo -C(O)- group; said aryl and heterocyclic R^7 groups are optionally fused to a benzene ring, a C_5-C_8 saturated cyclic group, or a 4-10 membered heterocyclic group; the -

$(CH_2)_t$- moieties of the foregoing R^7 groups optionally include a carbon-carbon double or triple bond where t is an integer between 2 and 5; and the foregoing R^7 groups, except H, are optionally substituted by 1 to 5 R^{10} groups;

R^8 is selected from the substituents provided in the definition of R^7 other than H;

R^9 is selected from the substituents provided in the definition of R^7;

or R^8 and R^9 are taken together with the carbon to which each is attached to form a 5-10 membered mono-cyclic or bicyclic group wherein said cyclic group is carbocyclic or heterocyclic with 1 to 3 heteroatoms selected from O, S, and -N(R^{11})- with the proviso that two O atoms, two S atoms, or an O and S atom are not attached directly to each other; saturated or partially unsaturated; aromatic or non-aromatic; 1 or 2 of the carbon atoms in said cyclic group optionally may be replaced by an oxo -C(O)- moiety; and said cyclic group is optionally substituted by 1 to 3 R^{10} groups;

or R^8 taken together with either R^5 or R^6 and the separate carbon atoms to which each is attached to form a fused 5-10 membered mono-cyclic or bicyclic group wherein said cyclic group may be carbocyclic or heterocyclic with 1 to 3 heteroatomS selected from O, S, and -N(R^{11})- with the proviso that two O atoms, two S atoms, or an O and S atom are not attached directly to each other; saturated or partially unsaturated; aromatic or non-aromatic; 1 or 2 of the carbon atoms in said cyclic group optionally may be replaced by an oxo -C(O)- moiety; and said cyclic group is optionally substituted by 1 to 3 R^{10} groups;

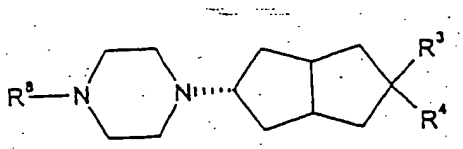
each R^{10} is independently selected from C_1-C_{10} alkyl, C_2-C_{10} alkenyl, C_2-C_{10} alkynyl, halo, cyano, nitro, trifluoromethyl, trifluoromethoxy, azido, -OR^{11}, -$C(O)R^{11}$, -$C(O)OR^{11}$, -$NR^{12}C(O)OR^{11}$, -$OC(O)R^{11}$, -$NR^{12}SO_2R^{11}$, -$SO_2NR^{11}R^{12}$, -$NR^{12}C(O)R_{11}$, -$C(O)NR^{11}R^{12}$, -$NR^{11}R^{12}$, $S(O)_j$(C_1-C_6 alkyl) wherein j is an integer ranging from 0 to 2, -$(CH_2)_m$(C_6-C_{10} aryl), $SO_2(CH_2)_m$(C_6-C_{10} aryl), $S(CH_2)_m$(C_6-C_{10} aryl), -$O(CH_2)_m$(C_6-C_{10} aryl) and -$(CH_2)_m$(4-10 membered heterocyclic), wherein m is an integer ranging from 0 to 4; said C_1-C_{10} alkyl group optionally contains 1 or 2 hetero moieties selected from O, S and -$N(R^{12})$- with the proviso that two O atoms, two S atoms, or an O and S atom are not attached directly to each other; said aryl and heterocyclic R^{10} groups are optionally fused to a C_6-C_{10} aryl group, a C_5-C_8 saturated cyclic group, or a 4-10 membered heterocyclic group; and said alkyl, aryl and heterocyclic R^{10} groups are optionally substituted by 1 to 3 substituents independently selected from halo, cyano, nitro, trifluoromethyl, trifluoromethoxy, azido, -$NR^{11}S0_2R^{11}$, -$SO_2NR^{11}R^{12}$, -$C(O)R^{11}$, -$C(O)OR^{11}$, -$OC(O)R^{11}$, -$NR^{12}C(O)R^{11}$, -$C(O)NR^{11}R^{12}$, -$NR^{11}R^{12}$, C_1-C_6 alkyl, -OR^{11} and the substituents listed in the definition of R^{11};

each R^{11} is independently selected from H, C_1-C_{10} alkyl, -$(CH_2)_m$(C_6-C_{10} aryl), and -$(CH_2)_m$(4-10 membered heterocyclic), wherein m is an integer ranging from 0 to 4; said alkyl group optionally includes 1 or 2 hetero moieties selected from O, S and -$N(R^{12})$- with the proviso that two O atoms, two S atoms, or an O and S atom are not attached directly to each other; said aryl and heterocyclic R^{11} groups are optionally

fused to a C_6-C_{10} aryl group, a C_5-C_8 saturated cyclic group, or a 4-10 membered heterocyclic group; and the foregoing R^{11} subsituents, except H, are optionally substituted by 1 to 3 substituents independently selected from halo, cyano, nitro, trifluoromethyl, trifluoromethoxy, azido, $-C(O)R^{12}$, $-C(O)OR^{12}$, $CO(O)R^{12}$, $-NR^{12}C(O)R^{13}$, $-C(O)NR^{12}R^{13}$, $-NR^{12}R^{13}$, hydroxy, C_1-C_6 alkyl, and C_1-C_6 alkoxy; and,

each R^{12} and R^{13} is independently H or C_1-C_6 alkyl.

2. (Previously Presented) A method according to claim 1 wherein said formula 1 has the following structure

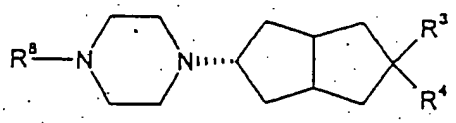


wherein R^3 is $-(CH_2)_t(C_6$-C_{10} aryl) or $-(CH_2)_t$(4-10 membered heterocyclic), R^4 is H or hydroxy, and R^8 is $-(CH_2)_t(C_6$-C_{10} aryl) or $-(CH_2)_t$(4-10 membered heterocyclic), t is an integer ranging from 0 to 5, the foregoing R^3 and R^8 heterocyclic groups are optionally fused to a benzene ring, and said R^3 and R^8 groups are optionally substituted by 1 to 3 R^{10} groups.

3. (Previously Presented) A method according to claim 2 wherein R^3 is a heterocyclic group fused to a benzene ring and, optionally, 1 or 2 of the carbon atoms of said

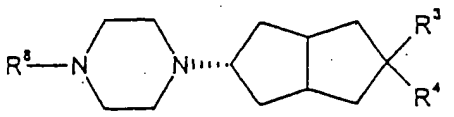
heterocyclic group are replaced with an oxo -C(O)- group.

4. (Previously Presented) A method according to claim 1 wherein said formula 1 has the following structure



wherein R^3 is $-O(CH_2)_t(C_6\text{-}C_{10}$ aryl) or $-0(CH_2)_t$(4-lO membered heterocyclic), R^4 is H or hydroxy, and R^8 is $-(CH_2)_t(C_6\text{-}C_{10}$ aryl) or $-(CH_2)_t$(4-10 membered heterocyclic), t is an integer ranging from 0 to 5, and the foregoing R^3 and R^8 groups are optionally substituted by 1 to 3 R^{10} groups.

5. (Previously Presented) A method according to claim 1 wherein said formula 1 has the following structure



wherein R^3 and R^4 are taken together with the carbon atom to which each is attached to form a 5-10 membered mono-cyclic or bicyclic group wherein said

cyclic group may be carbocyclic or heterocyclic with 1 to 3 heteroatoms selected from O, S, and -N(R^{11})- with the proviso that two O atoms, two S atoms, or an O and S atom are not attached directly to each other; said cyclic group is saturated or partially unsaturated; aromatic or non-aromatic; 1 or 2 of the carbon atoms in said cyclic group optionally may be replaced by an oxo -C(O)- moiety; and said cyclic group is optionally substituted by 1 to 3 R^{10} groups; and R^8 is -$(CH_2)_t$(C_6-C_{10} aryl) or -$(CH_2)_t$(4-10 membered heterocyclic), wherein t is an integer ranging from 0 to 5 and said R^8, R^3 and R^4 groups are optionally substituted by 1 to 3 R^{10} groups.

6. (Currently Amended): A method according to claim 1 wherein the compound is selected from the group consisting of

(2'a,3'aβ,5'α,6'aβ)-5'-[4-(4-Fluoro-phenyl)-piperazin-1 -yl]-hexahydropentalene-2'-one;

(2'α,3'aβ,5'α,6'aβ)-5'-[4-(4-Fluoro-phenyl)-piperazin-1-yl]-2'-phenyl-octahydro-pentalen-2'ol, maleate salt;

(2'α,3'aβ,5'α,6'aβ)-5'-[4-(4-Cyano-3-fluoro-phenyl)-piperazin-1-yl]-hexahydropentalene-2-one, ethylene ketal;

(2'α,3'aβ,5'a,6'aβ)-5'-[4-(4-Cyano-3-fluoro-phenyl)-piperazin-1-yl]-hexahydropentalene-2-one;

(2'α,3'aβ, 5'α, 6'aβ)-2-Fluoro-4-[4-(5'-hydroxy-5-phenyl-octahydro-pentalen-2'-yl)-pipe[[e]]razin-1 -yl]-benzonitrile, maleate salt;

(2α,3aβ,5α,6aβ)-5-Hydroxy-5-phenyl-hexahydro-pentalen-2-one;

(2'α,3aβ,5'α,6'aβ)-5'-[4-(2-Methoxy-phenyl)-piperazin-1-yl]-2'-phenyl-

octahydro-pentalen-2'ol, maleate salt;

(2'α,3'aβ,5'α,6'aβ)-5'-[4-(4-Fluoro-1-pyrimidyl)-piperazin-l-yl]-2'-(4-fluoro-phenyl)-octahydro-pentalen-2'ol, maleate salt;

(2'α,3'aβ,5'α,6'aβ)-5'-[4-(4-Cyano-3-fluoro-phenyl)-piperazin-1-yl]-2'-(4-fluoro-phenyl)-octahydro-pentalen-2'ol, maleate salt;

(2'α,3'aβ,5'α,6'aβ)-5'-[4-(4-Fluoro-phenyl)-piperazin-1-yl]-2'-(4-fluoro-phenyl)-octahydro-pentalen-2'ol, maleate salt;

(2'α, 3'aβ, 6'aβ)-1 -(4-Fluoro-phenyl)-4-(5'-phenyl-1' ,2',3',3'a,4',6'a-hexahydro-pentalen-2-yl)-piperazine dihydrochloride;

(2'α,3'aβ, 6'aβ)-5-Fluoro-2-[4-(5'-phenyl-1',2',3',3'a,4',6'a-hexahydro-pentalen-2'-yl)-3piperazin-1–yl]-pyrimidine maleate;

(2'α,3'aβ,6'aβ)-2-Fluoro-4-[4-(5'-phenyl-1',2',3',3'a,4',6'a-hexahydro-pentalen-2-yl)-piperazin-1-yl]-benzonitrile, maleate;

(2'α, 3'aβ, 6'aβ)-2-Fluoro-4-{4-[5-(2-methoxy-phenyl)-1',2',3',3'a,4',6'a-hexahydro-pentalen-2-yl]-piperazin-1-yl}-benzonitrile, maleate;

(2'α, 3'aβ, 6'aβ)-1-Phenyl-4-(5'-phenyl-1',2',3',3'a,4',6'a-hexahydro-pentalen-2'-yl)-piperazine, dimaleate;

(2'α, 3'aβ, 5'α, 6'aβ)-1 -(4-Fluoro-phenyl)-4-(5'-phenyl-octahydro-pentalen-2'yl)-piperazine, dihydrochloride;

(2'α, 3'aβ, 5'α, 6'aβ)-5-Fluoro-2-[4-(5'-phenyl-octahydro-pentalen-2'-yl)-piperazin-1-yl]-pyrimidine, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-2-Fluoro-4-[4-(5'-phenyl-octahydro-pentalen-2'-yl)-piperazin-1-yl]-benzonitrile, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-1-Phenyl-4-(5'-phenyl-octahydro-pentalen-2'-yl)-piperazine, maleate;

(2'α,3'aβ,5'α,6'aβ)-5'-Hydroxy-5-(2-trifluoromethyl-phenyl)-hexahydro-pentalen-2'-one;

(2'α,3'aβ,6'aβ)-5'-(2-trifluoromethyl-phenyl)-3,3a,4,6a-tetrahydro-1H-pentalen-2'-one, ethylene ketal;

(2'α,3'aβ,5'α,6'aβ)-5'-(2-Trifluoromethyl-phenyl)-hexahydro-1H-pentalen-2'-one, ethylene ketal;

(2'α,3'aβ,5'α,6'aβ)-5'-(2-Trifluoromethyl-phenyl)-hexahydro-1H-pentalen-2'-one;

(2'α, 3'aβ, 5'α, 6'aβ)-2-Fluoro-4-{4-[5'-(2-trifluoromethyl-phenyl)-octahydro-pentalen-2'-yl]-piperazin-1-yl}-benzonitrile, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-2-Fluoro-4-{4-[5'-(2-methoxy-phenyl)-octahydro-pentalen-2'-yl]-piperazin-1-yl}-benzonitrile, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-5-Fluoro-2-{4-[5'-(2-methoxy-phenyl-octahydro-pentalen-2'-yl]-piperazin-1-yl}-pyrimidine, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-2-Fluoro-4-{4-[5'-(3-methoxy-phenyl)-octahydro-pentalen-2'-yl]-piperazin-1-yl}-benzonitrile, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-2-Fluoro-4-{4-[5'-(4-methoxy-phenyl)-octahydro-pentalen-2-yl]-piperazin-1-yl}-benzonitrile, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-2-Fluoro-4-[4-(5'-o-tolyl-octahydro-pentalen-2'-yl)-piperazin-1-yl]-benzonitrile, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-5-Fluoro-2-[4-(5'-o-tolyl-octahydro-pentalen-2'-

yl)-piperazin-1-yl]-pyrimidine, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-5-Chloro-2-{4-[5'-(2-methoxy-phenyl)-octahydro-pentalen-2'-yl]-piperazin-1-yl}-pyrimidine, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-5-Chloro-2-[4-(5'-o-tolyl-octahydro-pentalen-2'-yl)-piperazin-1-yl]- pyrimidine, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-2-Fluoro-4-{4-(5'-(2-methanesulfonyl-phenyl)-octahydro-pentalen-2'-yl]-piperazin-1-yl}-benzonitrile, maleate;

(2'α, 3'aβ, 5'a, 6'aβ)-1-Phenyl-4-[5'-(3-pyrrolidin-l –yl methyl-phenyl)-octahydro-pentalen-2'-yl]-piperazine, dimaleate;

5-Trimethylstannayl-3,3a,4,6a-tetrahydro-1H-pentalen-2-one, ethylene ketal;

5-(2-Cyano-phenyl)-3,3a,4,6a-tetrahydro-1H-pentalen-2-one;

(2'α, 3'aβ, 5'α, 6'aβ)-2-Cyano-4-{4-[5'-(2-fluoro-phenyl)-octahydro-pentalen-2'-yl]-piperazin-1-yl}-benzonitrile, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-2-Fluoro-4-{4-[5'-(2-trifluoromethoxy-phenyl)-octahydro-pentalen-2'-yl]-piperazin-1-yl}-benzonitrile, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-2-Fluoro-4-{4-[5'-(2-fluoro-phenyl)-octahydro-pentalen-2'-yl]-piperazin-1-yl}-benzonitrile, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-2-Fluoro-4-[4-(5'-pyridin-2-yl-octahydro-pentalen-2'-yl)-piperazin-1-yl]-benzonitrile, dihydrochloride;

(2'α, 3'aβ, 5'α, 6'aβ)-2-Fluoro-4-[4-(5'-m-tolyl-octahydro-pentalen-2'-yl)-piperazin-1-yl]-benzonitrile, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-2-Fluoro-4-[4-(5'-p-tolyl-octahydro-pentalen-2'-

yl)-piperazin-1-yl]-benzonitrile, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-N-(2-{5-[4-(5-Fluoro-pyrimidin-2-yl)-piperazin-1 -yl]-octahydro-pentalen-2'-yl}-phenyl)-acetamide, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-N-(2-{5'-[4-(4-Cyano-3-fluoro-phenyl)-piperazin-1 yl]-octahydro-pentalen-2'-yl)-phenyl)-acetamide, maleate;

5-(2-Cyano-phenyl)-3,3a,4,6a-tetrahydro-1H-pentalen-2-one, ethylene ketal;

2-(5-Oxo-octahydro-pentalen-2-yl)-benzamide, ethylene ketal;

(2'α, 3'aβ, 5'α, 6'aβ)-2-{5'-[4-(4-Cyano-3-fluoro-phenyl)-piperazin-1-yl]-octahydro-pentalen-2'-yl)-benzamide, maleate;

(2'α, 3'aβ, 5' α, 6 α β)-2-Fluoro-4-[4-(3', 3'a, 4,' 5', 6'a-hexahydrospiro[isobenzofuran-l (3H), 2'(1'H)-pentalen]-5'-yl)-1 -piperazinyl]-benzonitrile, maleate;

(2'α, 3'aβ, 5'β, 6'aβ)-2-Fluoro-4-[(4-(3', 3'a, 4', 5', 6', 6'a-hexahydrospiro[isobenzofuran-1(3H), 2'(l'H)-pentalen]-5'-yl)-1 -piperazinyl]-benzonitrile, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-5-Fluoro-2-[4-(3', 3'a, 4', 5', 6', 6'a-hexahydrospiro[isobenzofuran-l (3H), 2'(1'H)-pentalen]-5'-yl)-piperazin-1-yl]-pyrimidine;

(2'β, 3'aβ, 5'α, 6'aβ)-5-Fluoro-2-[4-(3', 3'a, 4', 5', 6', 6'a-hexahydrospiro[isobenzofuran-1 (3H), 2'(1'H)-pentalen]-5'-yl)-piperazin-1-yl-pyrimidine;

(2'α, 3'aβ, 5'α, 6'aβ)-5-Fluoro-2-[4-(3', 3'a, 4', 5', 6', 6'a-hexahydro-

3'a,6'a-dimethylspiro[isobenzofuran-1(3H), 2'(1'H)-pentalen]-5'-yl)-piperazinyl]-pyrimidine, maleate;

(2'β, 3'aβ, 5'α, 6'aβ)-5-Fluoro-2-[4-(3', 3'a, 4', 5', 6', 6'a-hexahydro-3'a,6'a-dimethylspiro[isobenzofuran-l(3H), 2'(1'H)-pentalen]-5'-yl)-l–piperazinyl]-pyrimidine, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-2-Fluoro-4-[4-(3, 3', 3'a, 4, 4', 5', 6', 6'a-hexahydrospiro[2H-1-benzopyran-2,2'(1'H)-pentalen]-5'-yl)-1 -piperazinyl]-benzonitrile, maleate;

(2'α, 3'aβ, 5'β, 6'aβ)-2-Fluoro-4-[4-(3, 3', 3'a, 4, 4', 5', 6', 6'a-hexahydrospiro[2H-1-benzopyran-2,2'(1'H)-pentalen]-5'-yl)-l -piperazinyl]-benzonitrile, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-1-Phenyl-4-(3, 3', 3'a, 4, 4', 5', 6', 6'a-hexahydrospiro[2H-1-benzopyran-2,2'(1'H)-pentalen]-5'-yl]-5'-yl)-piperazine, maleate;

(2'β, 3'aβ, 5'α, 6'aβ)-l-Phenyl-4-{3, 3', 3'a, 4, 4', 5', 6, 6'a-hexahydrospiro[2H-1-benzopyran-2,2'(l'H)-pentalen]-5'-yl]-5'-yl)-piperazine, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-2-Fluoro-4-[4-(3, 3', 3'α, 4, 4', 5', 6', 6'a-hexahydrospiro[2H-6-fluoro-1-benzopyran-2,2'(1H)-pentalen]-5'-yl)-5'-yl)-l -piperazinyl]-benzonitrile, maleate;

(2'β, 3'aβ, 5'α, 6'aβ)-2-Fluoro-4-[4-(3, 3', 3'a, 4, 4', 5', 6', 6'a-hexahydrospiro[2H-6-fluoro-1-benzopyran-2,2'(1H)-pentalen]-5'-yl]-5'-yl)-1-piperazinyl]-benzonitrile, maleate;

(2α,3aβ,5α,6aβ)-5-Benzylamino-hexahydropentalen-2-one, mono -

ethylene ketal; (2α,3aβ,5α,6aβ)-5-Amino-hexahydropentalen-2-one, mono -ethylene ketal;

(2α,3aβ,5α,6aβ)-5-(5-Fluoro-2-nitro-phenylamino)-hexahydropentalen-2-one, mono -ethylene ketal;

(2α,3aβ,5α,6aβ)-5-(2-Amino-5-fluoro-phenylamino)-hexahydropentalen-2-one, mono -ethylene ketal;

(2'α, 3'aβ, 5'α, 6'aβ)-2-Fluoro-4-{4-[5'-(6-fluoro-2-oxo-2,3-dihydro-benzoimidazol-1-yl)-octahydro-pentalen-2'-yl]-piperazin-1-yl}-benzonitrile, dimesylate;

(2'α, 3'aβ, 5'α, 6'aβ)-2-Fluoro-4-{4-[5'-(2-oxo-2,3-dihydro-benzoimidazol-1-yl)-octahydro-pentalen-2'-yl]-piperazin-1-yl}-benzonitrile, mesylate;

(2'α, 3'aβ, 5'α, 6'aβ)-l-{5'-[4-(5-Fluoro-pyrimidin-2-yl)-piperazin-1-yl]-octahydro-pentalen-2'-yl)-1,3-dihydro-benzoimidazol-2-one, mesylate;

(2α,3aβ,5α,6aβ)-5-(6-Fluoro-2-methyl-benzoimidazol-l-yl)-hexahydro-pentalen-2-one;

(2'α, 3'aβ, 5'α, 6'aβ)-2-Fluoro-4-{4-[5'-(6-fluoro-2-methylbenzomidazol-1-yl)-octahydro-pentalen-2'-yl]-piperazin-1-yl)-benzonitrile, dimesylate;

(2'α, 3'aβ, 5'α, 6'aβ)-6-Fluoro-2-methyl-l-[5'-(4-phenyl-piperazin-1-yl)-octahydro-pentalen-2'-yl]-1H-benzoimidazole, dimaleate;

(2α, 3aβ,6aβ)-5-(1H-Indol-3-yl)-3,3a,4,6a-tetrahydro-1H-pentalen-2-one, mono-ethylene ketal;

(2'α, 3'aβ, 5'α, 6'aβ)-2-Fluoro-4-{4-[5'-(1H-indol-3-yl)-octahydro-

pentalen-2'-yl]-piperazin-1-yl)-benzonitrile, maleate;

(2'α, 3'aβ, 5'α, 6'aβ)-3-[5'-(4-Phenyl-piperazin-1 -yl)-octahydro-pentalen-2'-yl]-1H-indole, maleate;

(2α,3aβ,6aβ)-5-(4-Fluoro-phenoxy)-hexahydro-pentalen-2-one;

(2'α, 3'aβ, 5'β, 6'aβ)-1-[5'-(4-Fluoro-phenoxy)-octahydro-pentalen-2'-yl]-4-phenyl- piperazine, maleate;

(2'α, 3'aβ, 5'β, 6'aβ)-2-Fluoro-4-{4-[5'-(4-fluoro-phenoxy)-octahydro-pentalen-2'-yl]- piperazin-1-yl}-benzonitrile, maleate;

(2'α, 3'aβ, 5'β, 6'aβ)-5-Fluoro-2-{4-[5'-(4-fluoro-phenoxy)-octahydro-pentalen-2'-yl]-piperazin-1yl}-pyrimidine, maleate;

(2'β, 3'aβ, 5'β, 6'aβ)-1-[5'-(4-Fluoro-phenoxy)-octahydro-pentalen-2'-yl]-4-phenyl-piperazine, maleate;

(2'α, 3'aβ, 5'β, 6'aβ)-2-[5'-(4-Phenyl-piperazin-1-yl)-octahydro-pentalen-2'-yl]-isoindole-1,3-dione maleate;

(2'α,3'aβ,5'a,6'aβ)-5-Hydroxy-hexahydro-pentalen-2-one, ethylene ketal;

(2'α,3'aβ,5'α,6'aβ)-2-Oxo-3-(5-oxo-octahydro-pentalen-2-yl)-2,3-dihydro-benzoimidazole-1-carboxylic acid tert-butyl ester, ethylene ketal;

(2'α,3'aβ,5'α,6'aβ)-2-(5-oxo-octahydro-pentalen-2-yloxy)-3H-benzoimidazole-l-carboxylic acid tert-butyl ester, ethylene ketal;

(2'β, 3'aβ, 5'α, 6'aβ)-3-{5'-[4-(4-Fluoro-phenyl)-piperazin-1-yl]-octahydro-pentalen-2'-yl}-2-oxo-2,3-dihydro-benzoimidazole-1-carboxylic acid tert-butyl ester;

(2'β, 3'aβ, 5'α, 6'aβ)-1-{5'-[4-(4-Fluoro-phenyl)-piperazin-1-yl]-octahydro-pentalen-2'-yl}-1,3-dihydro-benzoimidazol-2-one, maleate;

(2'α, 3'aβ, 5'β, 6'aβ)-2-Fluoro-4-{4-[5'-(2-oxo-2,3-dihydro-benzoimidazol-1-yl)-octahydro-pentalen-2'-yl]-piperazin-l-yl)-benzonitrile, maleate;

(2'β, 3'aβ, 5'α, 6'aβ)-1-{5'-[4-(3,4-Difluoro-phenyl)-piperazin-1 -yl]-octahydro-pentalen-2'-yl}-1,3-dihydro-benzoimidazol-2-one, maleate;

(2'β, 3'aβ, 5'a, 6'aβ)-2-[5'-(4-Phenyl-piperazin-1-yl)-octahydro-pentalen-2'-yloxy]-1H-benzoimidazole, maleate;

(2'α,3'aβ,5'α,6'aβ)-2-(5-Oxo-octahydro-pentalen-2-yl)-isoindole-1 ,3-dione;

(2'α, 3'aβ, 5'β, 6'aβ)-2-[5'-(4-Phenyl-piperazin-1-yl)-octahydro-pentalen-2'-yl]-isoindole-1,3-dione, maleate;

(2'α, 3'aβ, 5'β, 6'aβ)-4-{4-[5'-(l ,3-Dioxo-1 ,3-dihydro-isoindol-2-yl)-octahydro-pentalen-2'-yl]-piperazin-1 -yl}-2-fluoro-benzonitrile, maleate;

(2'α, 3'aβ, 5'β, 6'aβ)-2-{5'-[4-(5-Fluoro-pyrimidin-2-yl)-piperazin-1-yl]-octahydro-pentalen-2'-yl}-isoindole-1,3-dione, maleate;

(2'β, 3'aβ, 5'α, 6'aβ)-2-{5'-[4-(3,4-Difluoro-phenyl)-piperazin-1-yl]-octahydro-pentalen-2'-yl}-isoindole-1 ,3-dione, maleate;

(2'β, 3'aβ, 5'α, 6'aβ)-2-{5'-[4-(4-Fluoro-phenyl)-piperazin-1-yl]-octahydro-pentalen-2'-yl}-isoindole-l,3-dione, maleate; and,

(2'β, 3'aβ, 5'α, 6'aβ)-N-[5-(4-Phenyl-piperazin-1-yl)-octahydro-pentalen-2-yl]-benzamide, maleate.

7. – 16. (Cancelled).